

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Original) A method for selectively optimizing a plurality of image characteristics for captured images, comprising the steps of:
 - a) modifying two or more one-dimensional image characteristic controls using a single loop position controller having one-dimensional control, wherein the single loop position controller traverses useful ranges of each of the two or more one-dimensional image characteristic controls;
 - b) providing a video loop of captured images to a user by cycling through several combinations of the two or more one-dimensional image characteristic controls; and
 - c) a means of selecting a desired image rendered according to the two or more one-dimensional image characteristic controls.
2. (Original) The method claimed in claim 1, further comprising the step of mapping a set of range-limited image controls onto the single loop position controller.
3. (Original) The method claimed in claim 1, wherein the means of selecting a desired image includes stopping the video loop at the desired image.
4. (Original) The method claimed in claim 1, wherein the means of selecting a desired image includes moving the single loop position controller to the desired image.
5. (Original) A method of generating a video loop of images over limited ranges, comprising the steps of:
 - a) providing a plurality of image characteristic controls for an original image;

b) limiting ranges for the plurality of image characteristic controls according to analysis of space reduction requirements to form a range-limited n-dimensional space; and

c) computing a trajectory path through the range-limited n-dimensional space to create a set of transitioning images in the video loop.

6. (Original) The method claimed in claim 5, wherein the video loop is controllable.

7. (Original) The method claimed in claim 6, wherein the video loop is controlled with a loop position indicator to find a desired image rendered according to the plurality of image characteristic controls.

8. (Original) The method claimed in claim 6, wherein the video loop is started and/or stopped with a button.

9. (Original) The method claimed in claim 1, further comprising the step of:

d) providing an original image adjacent to the video loop of captured images.

10. (Original) An image editor, comprising:

a) a single one-dimensional image characteristic control that traverses useful ranges of each of a plurality of one-dimensional image characteristic controls; and

b) a video loop that cycles through several combinations of the single one-dimensional image characteristic control for controlling a plurality of image characteristics.

11. (Original) The image editor claimed in claim 10 further comprising a mapped set of range-limited image controls.

12. (Original) The image editor claimed in claim 11, wherein the mapped set of range-limited image controls is determined by limiting ranges for the plurality of one-dimensional image characteristic controls according to analysis of space reduction requirements to form a range-limited n-dimensional space.